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microposition* and piezoelectric and feedforward : 1 record

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Title	Pub. Date	Int. Class	App.
1. <u>(WO 2005/017634) METHOD AND CIRCUIT ARRANGEMENT FOR THE PRECISE, DYNAMIC DIGITAL CONTROL OF ESPECIALLY PIEZOELECTRIC ACTUATORS FOR MICROPOSITIONING SYSTEMS</u>	24.02.2005	G05B 19/35	PCT/ EP20

The invention relates to a method and to a circuit arrangement for the precise, dynamic digital control of especially **piezoelectric micropositioning** systems, comprising a regulator, whereby, in order to minimize position order deviations, the future system current correction signals for the purpose of **feedforward** correction are obtained. The aim of the invention is to reduce latency loop of the scanner system. For this purpose, the signal of the command variable is passed over a switched bypass to a high-r converter, said converter being operated at the scan rate of the scanner system. The **feedforward** loop leads to a fast digital-t

Search Summary

microposition*: 1585 occurrences in 345 records.

piezoelectric: 206713 occurrences in 23073 records.

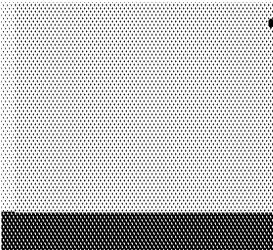
(microposition* AND piezoelectric): 116 records.

feedforward: 13738 occurrences in 1991 records.

((microposition* AND piezoelectric) AND feedforward): 1 record.

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